

FIG. 1

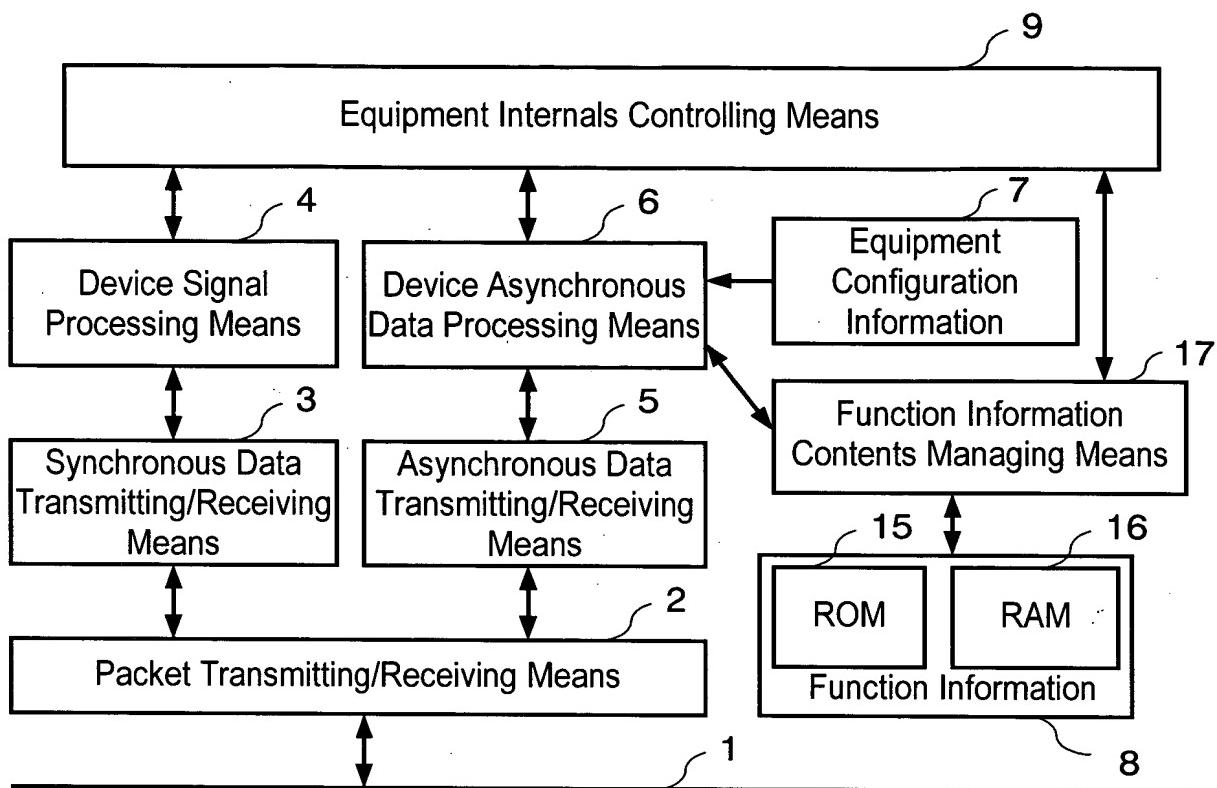
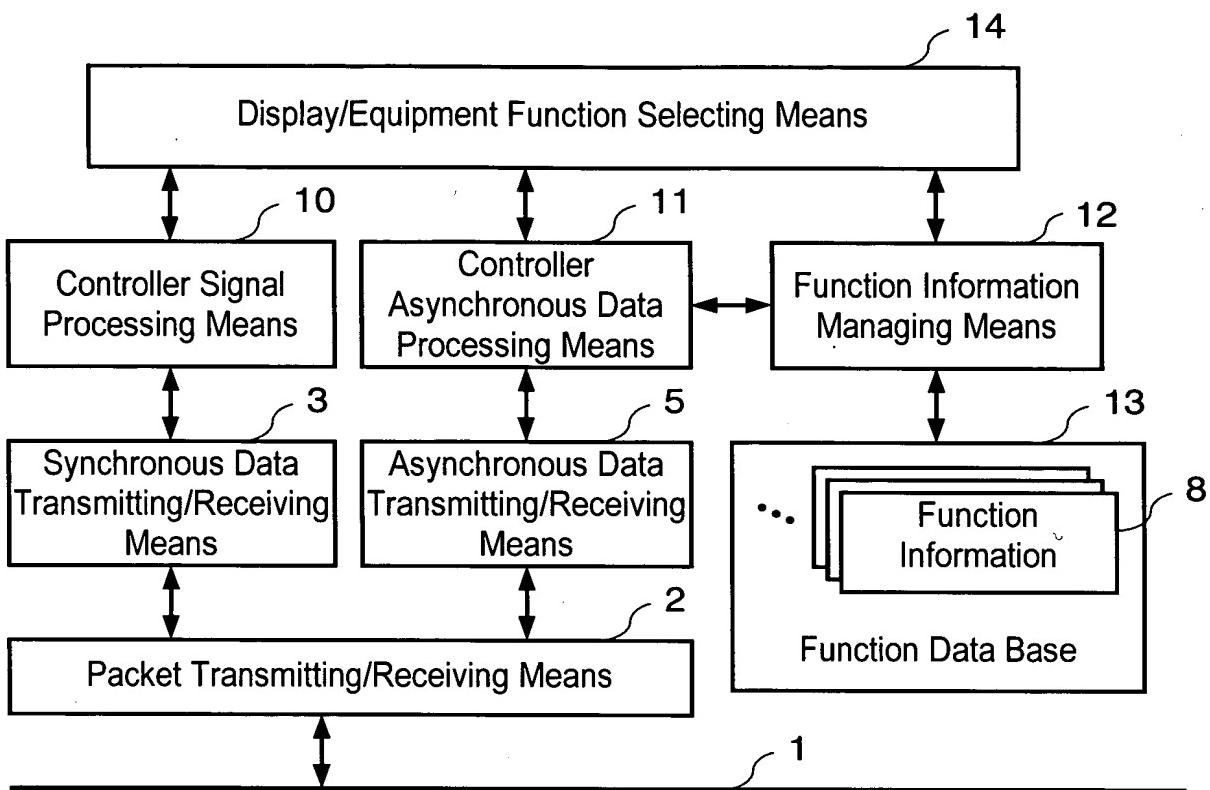


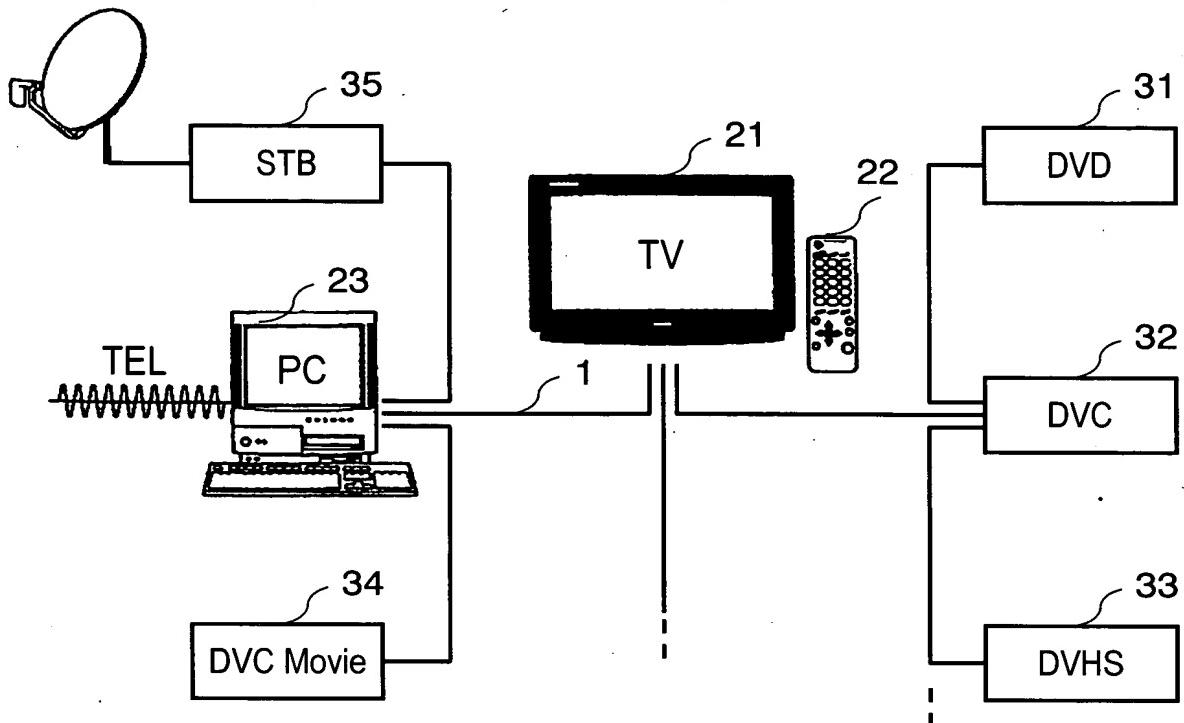
FIG. 2



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FIG. 3



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FIG. 4

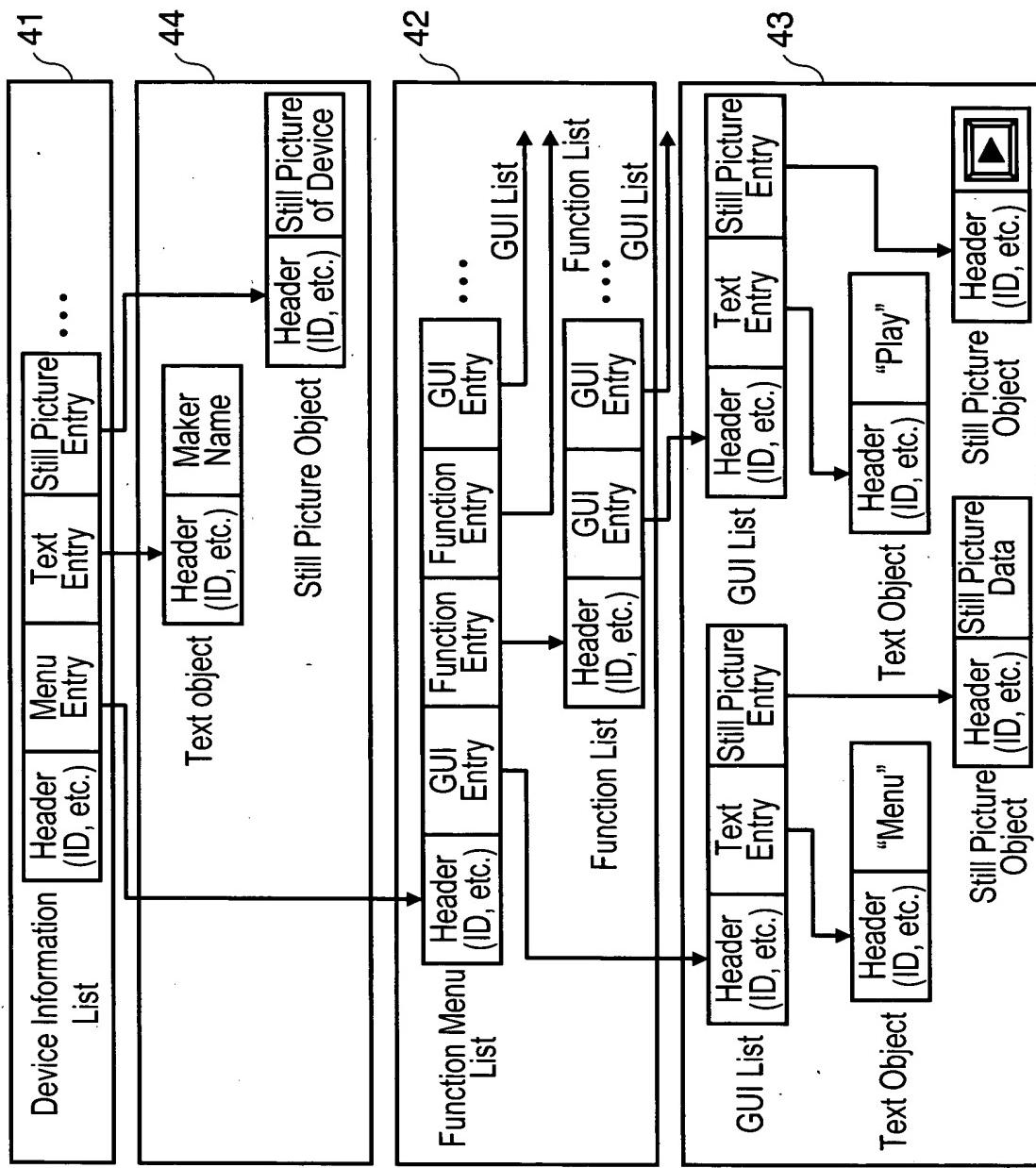
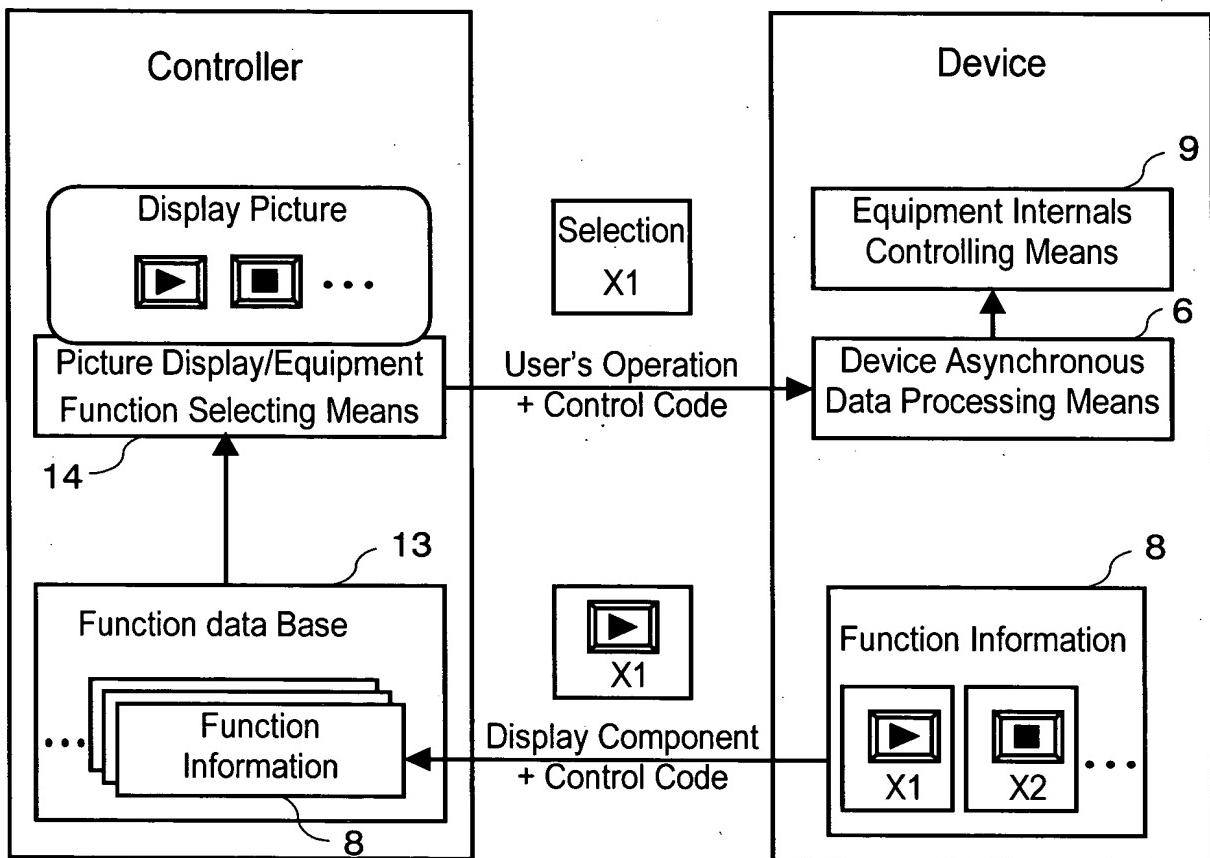


FIG. 5



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## FIG. 6

Header	ID	Display Component
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(a) Data Read from Device

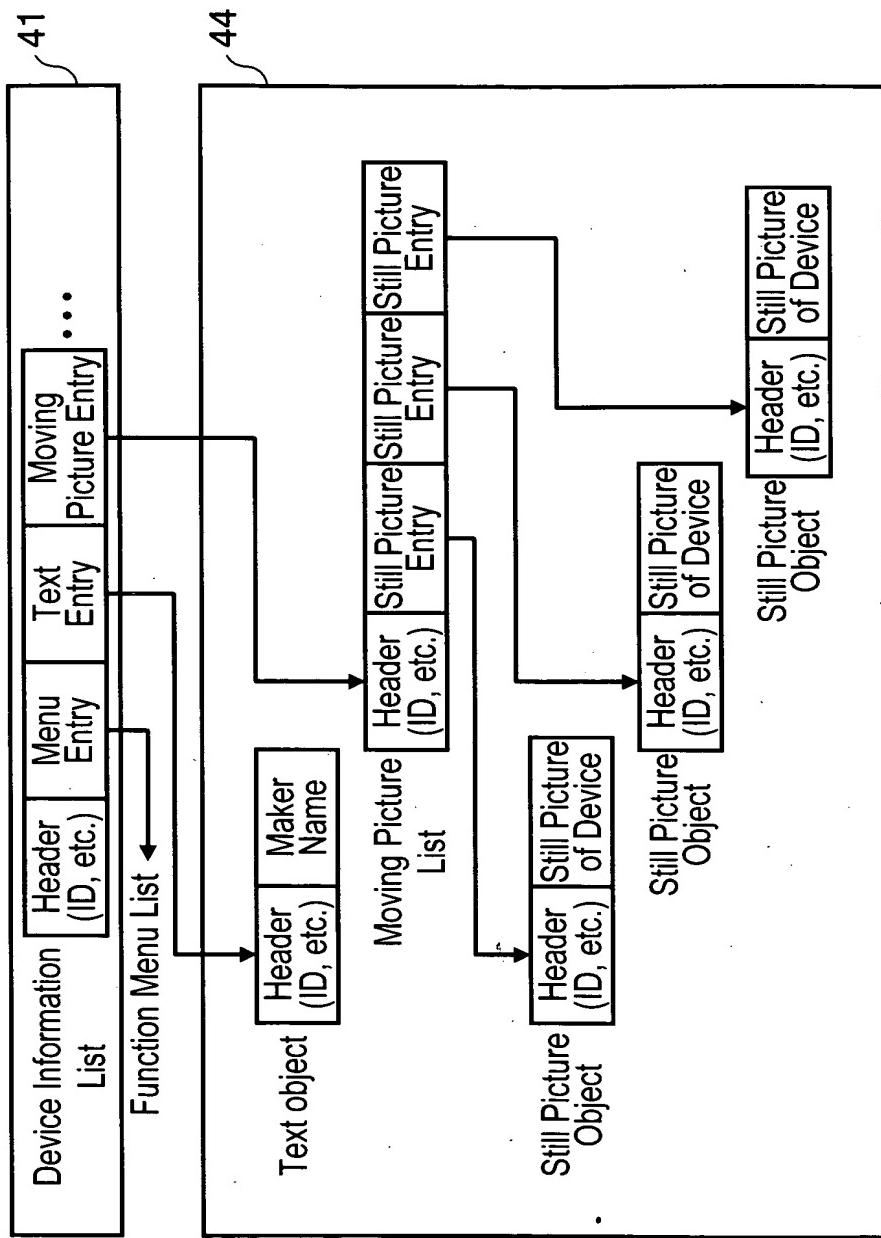
Header	User's Operation	ID of Display Component
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(b) Data Transmitted to Device

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FIG. 7



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FIG. 8

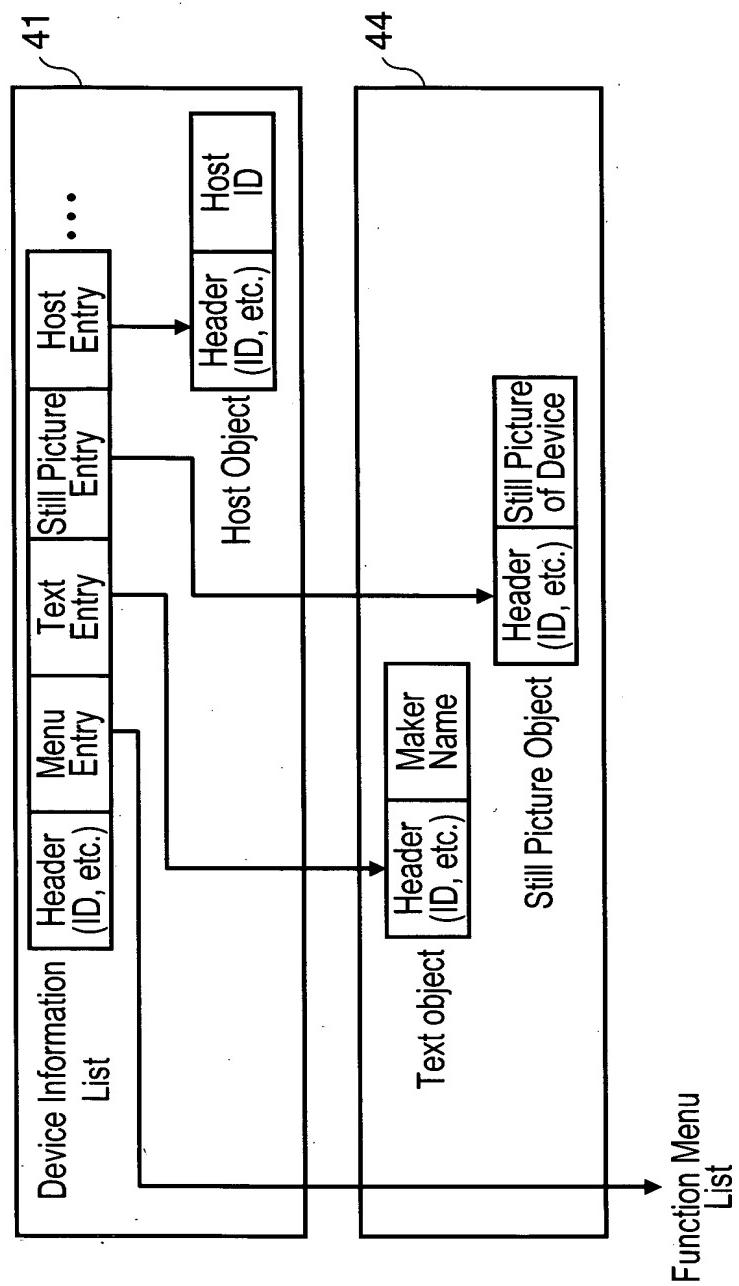


FIG. 9

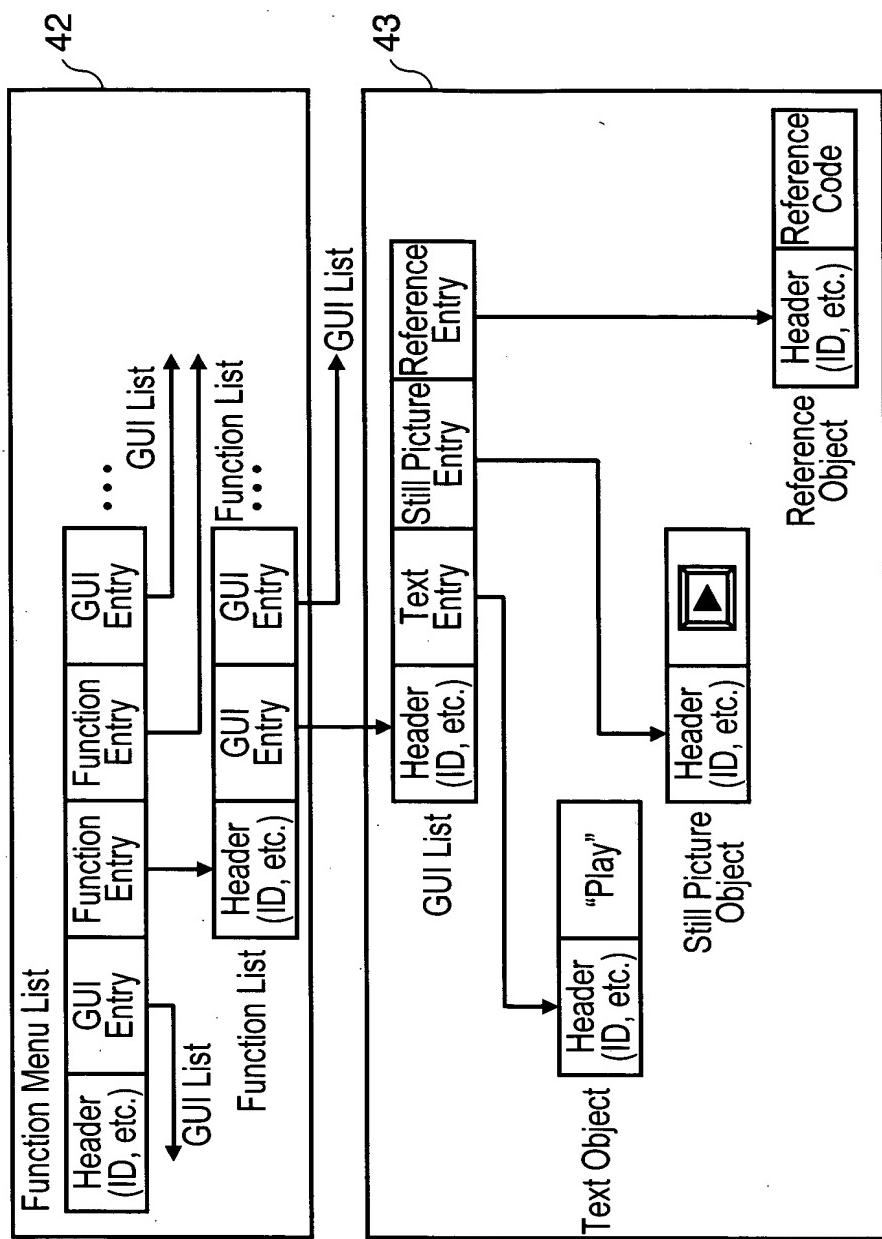


FIG. 10

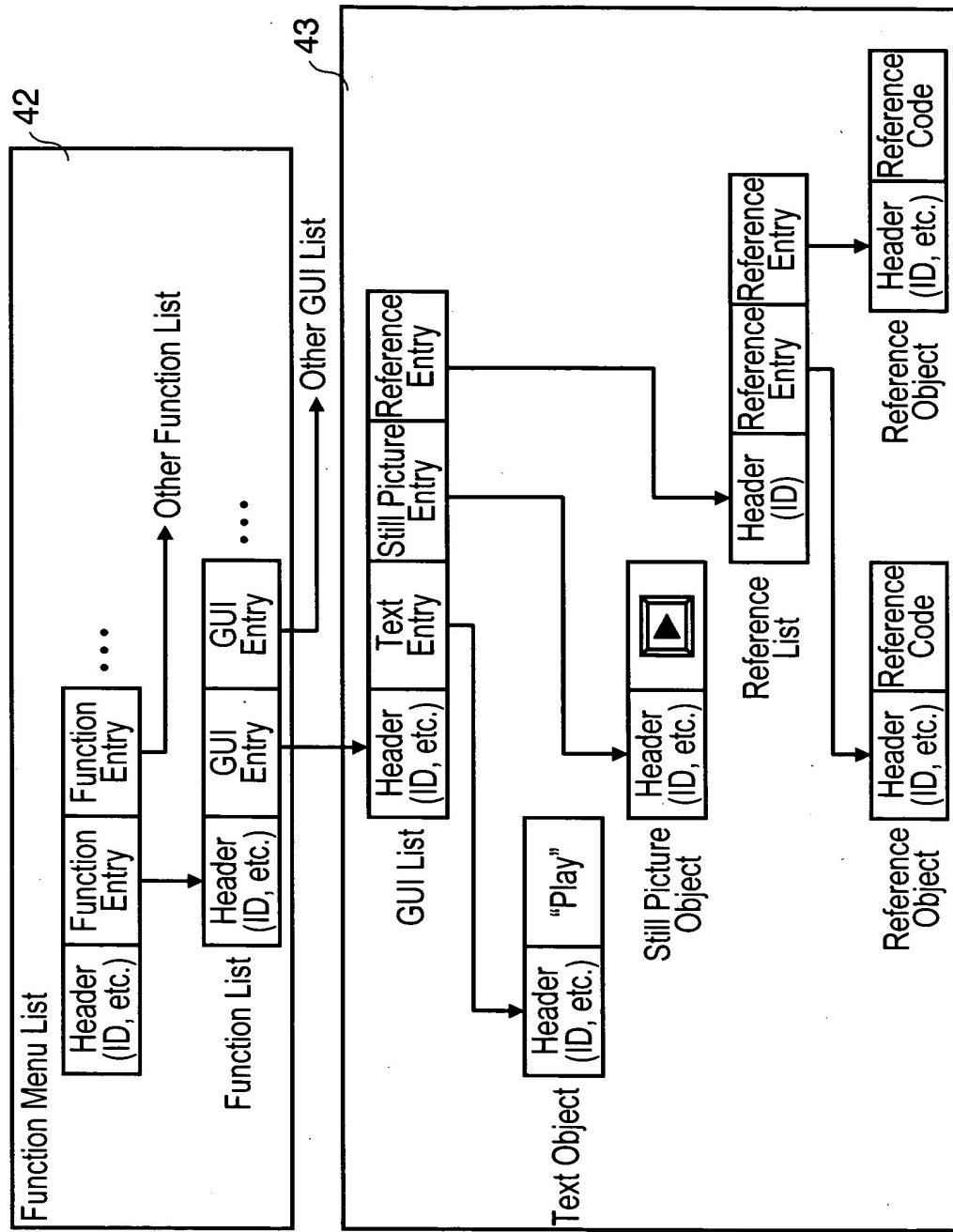
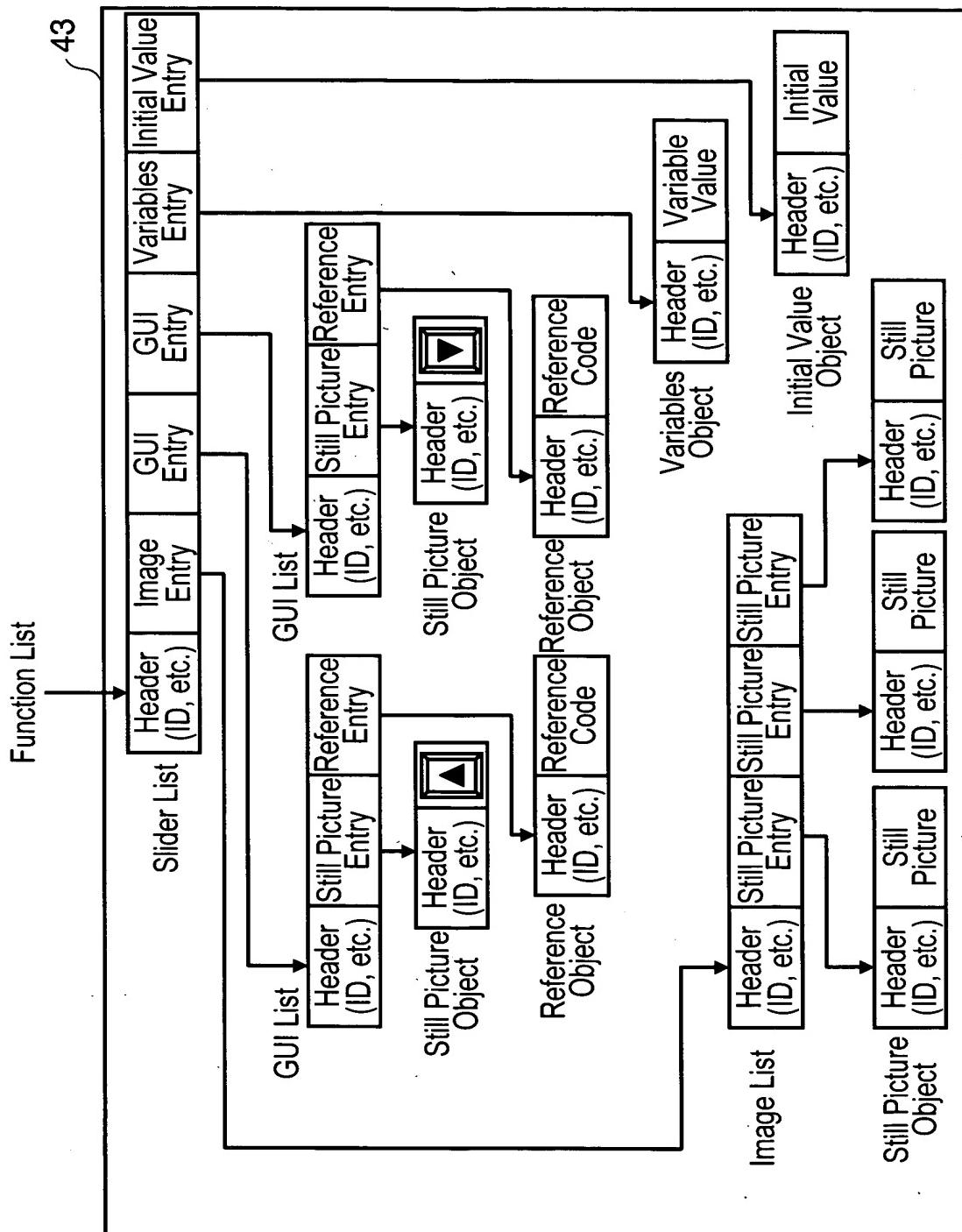


FIG. 11



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FIG. 12

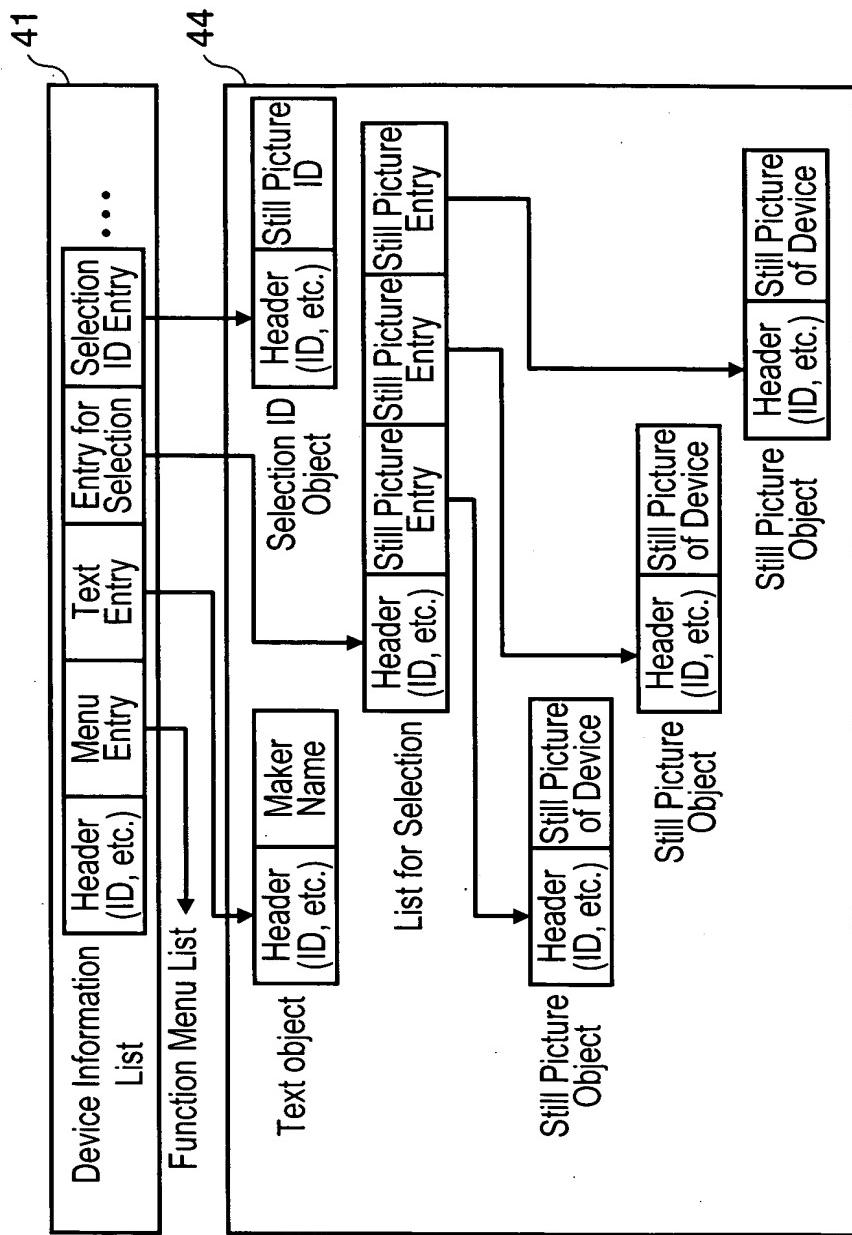


FIG. 13

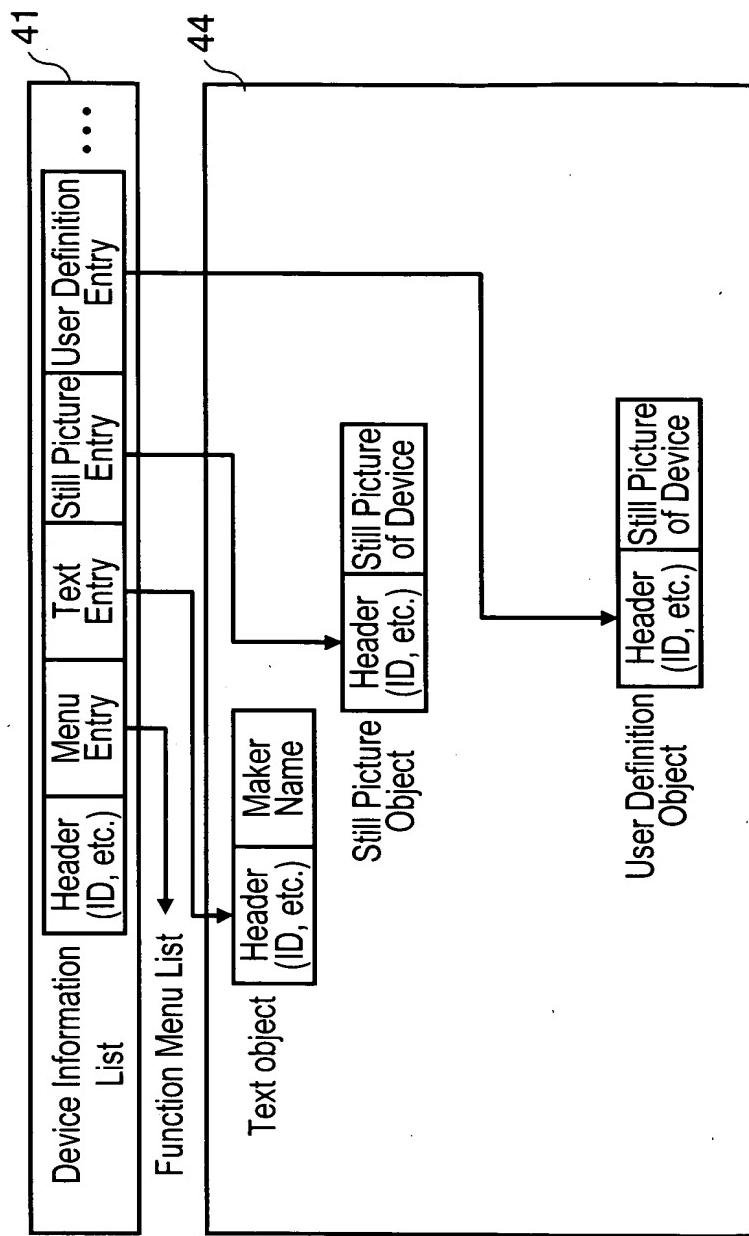


FIG. 14

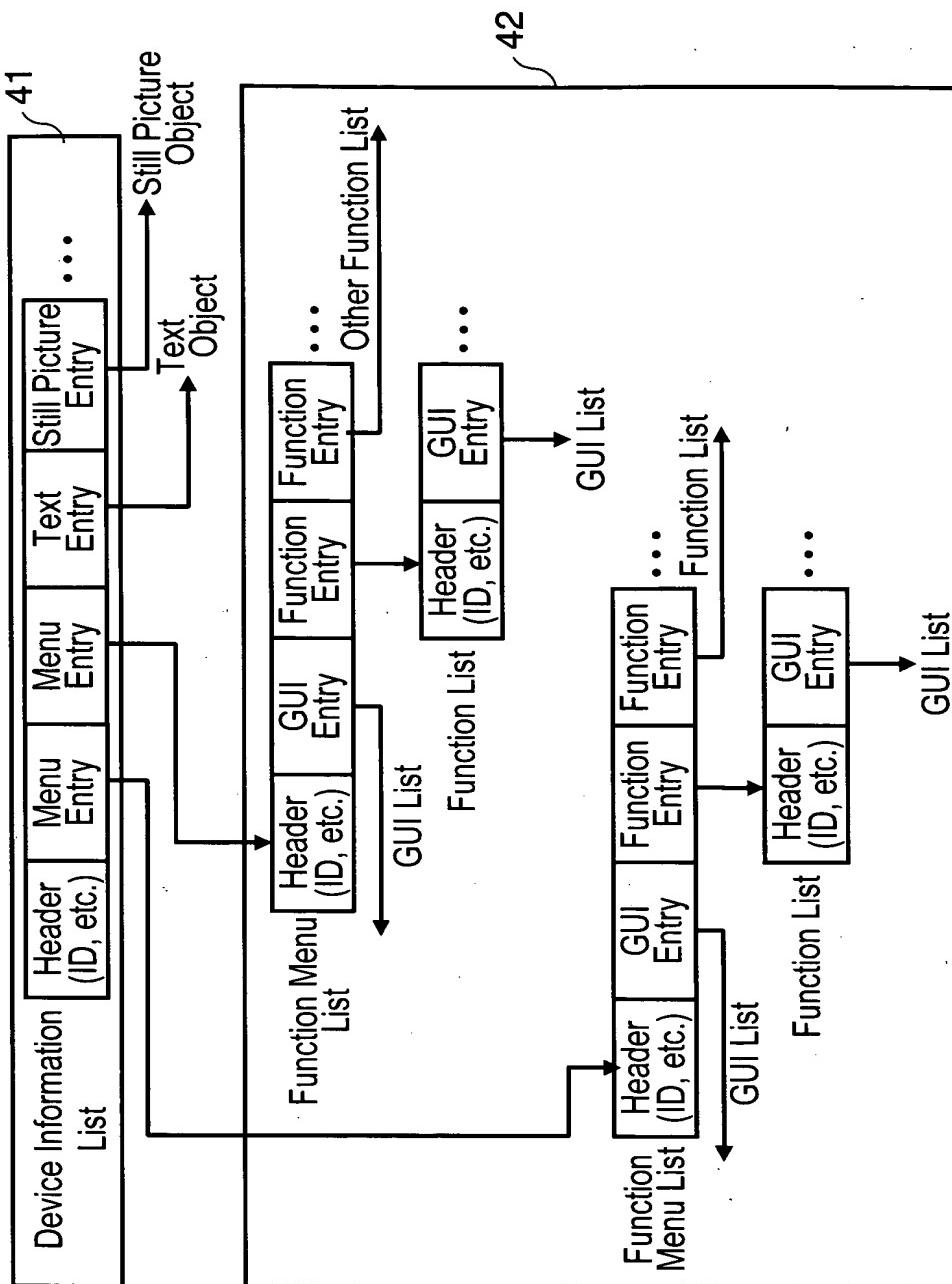
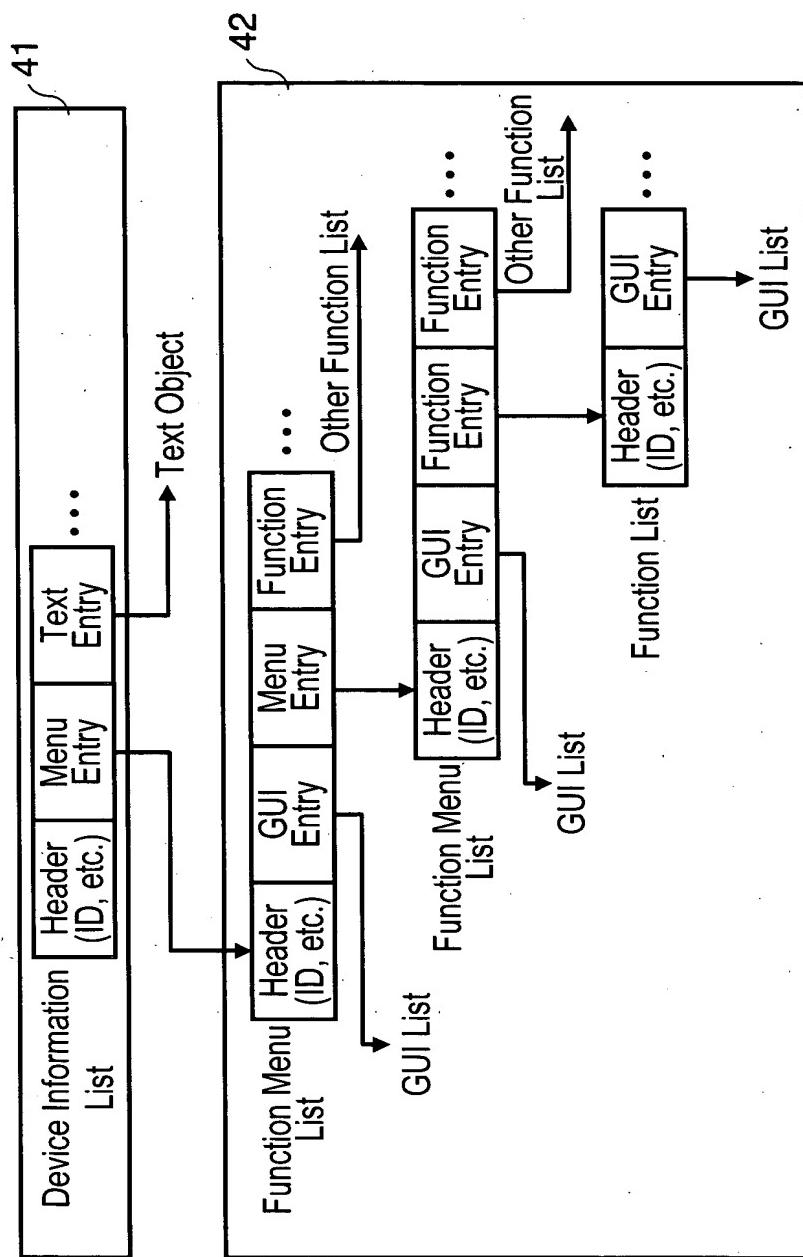


FIG. 15



## Reference Numerals

- 1 Transmission Line
- 2 Packet Transmitting/Receiving Means
- 3 Synchronous Data Transmitting/Receiving Means
- 4 Device Signal Processing Means
- 5 Asynchronous Data Transmitting/Receiving Means
- 6 Device Asynchronous Data Processing Means
- 7 Equipment Configuration Information
- 8 Function Information
- 9 Equipment Internals Controlling Means
- 10 Controller Signal Processing Means
- 11 Controller Asynchronous Data Processing Means
- 12 Function Information Managing Means
- 13 Function Data Base
- 14 Display/Equipment Function Selecting Means
- 15 ROM
- 16 RAM
- 17 Function Information Contents Managing Means
- 21 Television Receiver
- 22 Remote Controller for Television Receiver
- 23 Personal Computer (PC)
- 31 DVD
- 32 Video Cassette Recorder (DVC)
- 33 Video Cassette Recorder (DVHS)
- 34 Digital Movie (DVC Movie)
- 35 Set Top Box (STB)
- 41 Device Information Layer
- 42 Function Information Layer
- 43 Function GUI Layer
- 44 Device GUI Layer